

Converting Colors

Hex(354A24)

Have a look what the booklet for
Hex(354A24) contains.

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Color

Hex(354A24)

Conversions

Conversions Part 1

Format	Color
Hex	354A24
RGB	53, 74, 36
RGB Percent	21%, 29%, 14%
CMY	0.7922, 0.7098, 0.8588
CMYK	0.28, 0.00, 0.51, 0.71
HSL	93°, 35%, 22%
HSV	93°, 51%, 29%
XYZ	4.2354, 5.7818, 2.5618
YIQ	63.3890, -0.3180, -16.2700

Conversions

Conversions Part 2

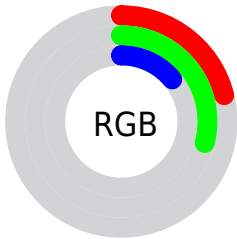
Format	Color
R_YB	36, 74, 57
Decimal	3492388
CIE Lab	28.86, -16.08, 20.03
CIE LCh	29, 25.681, 128.756
Yxy	5.7818, 0.3367, 0.4596
Android (android.graphics.Color)	4281682468 (0xFF354A24)
YUV	63.3890, -13.5028, -9.1112
Hunter-Lab	24.0454, -10.6381, 10.5149

Details

The Hex color **354A24** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **39244A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **657B52**, and **081E00** is the 20% darker color. If you saturate the color by 10%, you get **314A1D**, and if you desaturate by 10%, it is **394A2B**.

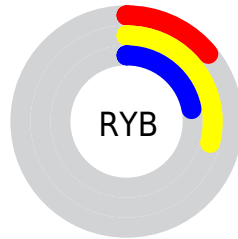
Distribution



Red (21%)

Green (29%)

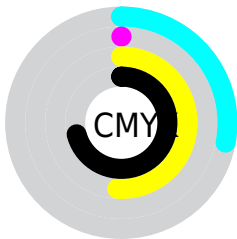
Blue (14%)



Red (14%)

Yellow (29%)

Blue (22%)

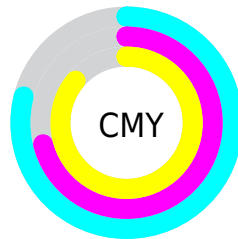


Cyan (28%)

Magenta (0%)

Yellow (51%)

Black (71%)



Cyan (79%)

Magenta (71%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 354A24 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 354A24 by changing the saturation by 10% instead.

■ 354A24

■ 354A24

FFFFFF

■ 1F330F

■ 657B52

■ 081E00

■ 7E956A

■ 000000

■ 98AF83

■ B3CB9D

■ CFE7B8

■ EBFFD4

■ FFFFF1

■ 354A24

■ 354A24

■ 314A1D

■ 394A2B

■ 2D4A15

■ 3D4A33

■ 294A0E

■ 414A3A

■ 254A06

■ 454A42

■ 214A00

■ 494A49

■ 4E4A50

■ 524A58

■ 564A5F

■ 5A4A67

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4A451B



354A24



194D35

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



354A24



004A69



69333F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



354A24



39244A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



613653



354A24



2D446B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



354A24



004D5C



4D3D63



67372C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



354A24



004E43



4D3D63



683446

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



354A24



596152



4A3924



2C3028



B0B0B0



303030

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



354A24



406125



244A26



242622



2E6600



67E600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39244A



462561



4A2448



252226



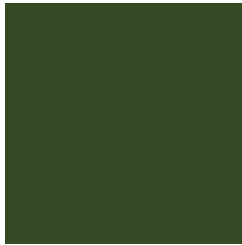
380066



7F00E6

Previews

White Background



This preview shows how the Hex color 354A24 looks on a white background.

Color Contrast Check

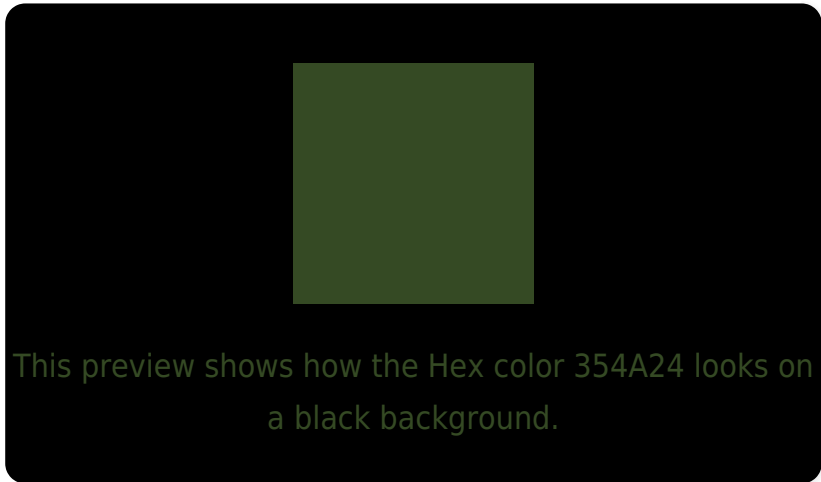
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

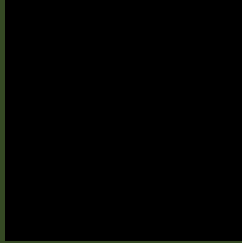
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 354A24 Background



This preview shows how black text looks on a background with the Hex color 354A24.



This preview shows how white text looks on a background with the Hex color 354A24.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
354A24

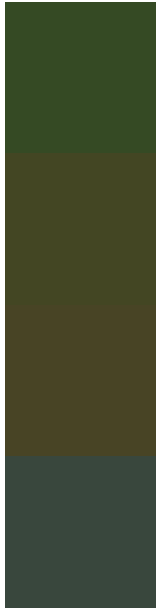
Protanopia
4B4422

Deuteranopia
534126



Tritanopia
3B464B

Trichromacy



Original Color
354A24

Protanomaly
434623

Deuteranomaly
484425

Tritanomaly
39473D

Monochromacy



Original Color
354A24

Achromatopsia
3F3F3F

Achromatomaly
3B4335

CSS Examples

Text

The CSS property to change the color of the text to Hex 354A24 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #354A24 looks like.

```
.text, #text, p{  
    color:#354A24  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #354A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354A24
}
```

Border

The CSS property to change the border of an element to Hex 354A24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

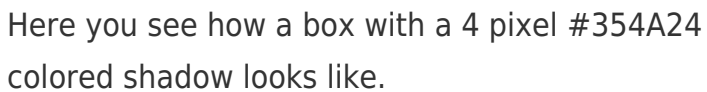
```
.border, #border, table{ border:4px solid
#354A24 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#354A24 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #354A24 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354A24; -webkit-box-shadow:4px 4px  
4px 4px #354A24; box-shadow:4px 4px 4px  
4px #354A24 }
```

Background

The CSS property to change the background color of an element to Hex 354A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354A24 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#354A24 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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